

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(381/118,119) and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/11/24 14:38
L2	0	700/94 and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/11/24 14:38
L3	0	(381/119) and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/11/24 14:39
L4	1120	(381/119)	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:13
L5	558	(381/119) and mixer	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:14
L6	344	(700/94) and mixer	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:14
L7	117	(369/4) and mixer	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:14
L8	303	(bus same level same control\$1 same display \$4 same channel\$1)	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:16
L9	1	(bus same level same control\$1 same display \$4 same channel\$1). clm.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:16
L10	2	(bus same level same control\$1 same layer \$4 same channel\$1 same mix\$4).clm.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:17
L11	1	(bus same level same control\$1 same layer \$4 same channel\$1 same mix\$4 same cop \$3).clm.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:18
L12	34	okabayashi-masaaki\$. in.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:19
L13	211	takahashi-daisuke\$.in.	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:22

L14	83	(381/118) and mixer	US-PGPUB; USPAT	OR	OFF	2009/11/24 16:25
S1	1	"20030059066"	US-PGPUB; USPAT	OR	OFF	2007/08/30 08:59
S2	1	"20040184625"	US-PGPUB; USPAT	OR	OFF	2007/08/30 08:59
S3	831	381/119	US-PGPUB; USPAT	OR	OFF	2007/08/30 09:08
S4	22	okabayashi-masaaki\$. in.	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:08
S5	181	takahashi-daisuke\$.in.	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:14
S6	1267	700/94	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:14
S7	269	369/4	US-PGPUB; USPAT	OR	OFF	2007/08/30 15:14
S8	14	(US-20030059066-\$ or US-20040184625-\$ or US-20030235317-\$ or US-20020193894-\$ or US-20020188364-\$ or US-20020156547-\$ or US-20020025051-\$ or US-20020015504-\$ or US-20010007590-\$). did. or (US-7242990-\$ or US-7234108-\$ or US-7158843-\$ or US- 7151970-\$ or US- 7031479-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/05/06 16:05
S9	0	obverse and S8	US-PGPUB; USPAT	OR	OFF	2008/05/06 16:06
S10	4	obverse and 381/119	US-PGPUB; USPAT	OR	OFF	2008/05/06 16:06
S11	2	"20030059066"	US-PGPUB; USPAT	OR	OFF	2008/06/06 14:22

S12	14	(US-20030059066-\$ or US-20040184625-\$ or US-20030235317-\$ or US-20020193894-\$ or US-20020188364-\$ or US-20020156547-\$ or US-20020025051-\$ or US-20020015504-\$ or US-20010007590-\$). did. or (US-7242990-\$ or US-7234108-\$ or US-7158843-\$ or US-7151970-\$ or US-7031479-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:39
S13	11	S12 and bus	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:39
S14	11	S12 and bus\$3	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:43
S15	14	S12 and time	US-PGPUB; USPAT	OR	OFF	2008/06/06 16:58
S16	2	S12 and cop\$3	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:26
S17	152	381/119 and cop\$3	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:26
S18	17	381/119 and (cop\$3 same bus\$3)	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:34
S19	1	381/119 and (cop\$3 same bus\$3 same layer \$2)	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:35
S20	5	381/119 and (cop\$3 same layer\$2)	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:35
S21	15	700/94 and (cop\$3 same layer\$2)	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:40
S22	41	700/94 and (cop\$3 same bus\$2)	US-PGPUB; USPAT	OR	OFF	2008/06/06 18:43

S23	14	(US-20030059066-\$ or US-20040184625-\$ or US-20030235317-\$ or US-20020193894-\$ or US-20020188364-\$ or US-20020156547-\$ or US-20020025051-\$ or US-20020015504-\$ or US-20010007590-\$). did. or (US-7242990-\$ or US-7234108-\$ or US-7158843-\$ or US-7151970-\$ or US-7031479-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/02/09 16:07
S24	14	S23 and time	US-PGPUB; USPAT	OR	OFF	2009/02/09 16:07
S25	7	S23 and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/02/09 16:08
S26	789	381/119 and time	US-PGPUB; USPAT	OR	OFF	2009/02/10 11:48
S27	0	381/119 and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/02/10 11:48
S28	0	381/119 and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/02/10 11:48
S29	205	381/119 and (predetermined same time)	US-PGPUB; USPAT	OR	OFF	2009/02/10 11:48
S30	25	381/119 and (predetermined same time same off)	US-PGPUB; USPAT	OR	OFF	2009/02/10 11:54
S31	19	"mix-minus"	US-PGPUB; USPAT	OR	OFF	2009/02/10 12:06
S32	3	"mix-minus" same time	US-PGPUB; USPAT	OR	OFF	2009/02/10 12:10

S33	14	(US-20030059066-\$ or US-20040184625-\$ or US-20030235317-\$ or US-20020193894-\$ or US-20020188364-\$ or US-20020156547-\$ or US-20020025051-\$ or US-20020015504-\$ or US-20010007590-\$). did. or (US-7242990-\$ or US-7234108-\$ or US-7158843-\$ or US-7151970-\$ or US-7031479-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/02/19 12:35
S34	5	S33 and layer	US-PGPUB; USPAT	OR	OFF	2009/02/19 12:35
S35	175	381/119 and cop\$4	US-PGPUB; USPAT	OR	OFF	2009/02/20 15:32
S36	45	Silfvast\$.in.	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:33
S37	9	S36 and ((volume or gain) same control\$2)	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:34
S38	0	S36 and ((volume or gain) same control\$2 same (group\$2 or joint))	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:36
S39	4	S36 and ((volume or gain) same control\$2 same channel\$2)	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:36
S40	11	("3916317"   "4879751"   "5212733"   "5257317"   "5450075"   "5608807"   "5812688"   "5959610"   "6061458"   "6118283"   "6438241").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 11:40
S41	7	S40 and ((volume or gain) same control\$2)	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:43
S42	5	S40 and ((volume or gain) same control\$2 same channel\$2)	US-PGPUB; USPAT	OR	OFF	2009/02/23 11:44

S43	4	euphonix\$.as. and ((volume or gain) same control\$2 same channel\$2)	US-PGPUB; USPAT	OR	OFF	2009/02/23 12:41
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**11/24/2009 4:30:12 PM**

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mixer2.wsp**